

09/913728

Figure 1

acgggtcgaccgaa <u>cagctgtcaat</u> actgcagggtccggggccccggcggcgacAT	60
<u>M</u>	
GGCATGGGCACTCGGGTCATCCTCTGTGCTCGGCTCTTACGGCGGCAGCGCCGGCGC	120
<u>A W A I A V I L I P R I E T A A A A A A</u>	
GCGGGTACGCTACGGGGTATGTCACAGTCGTGCCATGACCTGGAGACGGTGGAGGT	160
<u>A V T S R G D V T V V C H D L E T V E V</u>	
CACGTGGGGCTGGGCCCCGACCACCAACGGGCGCAACTTGAGGCTGGAGTTCCGTTATGG	240
T W G S G P D H R G A N L S L E F R Y G	
TACTGGCGCCCTGCAACCCCTGCCCGCGATATTCTGTCGGGGCTGGTGTCACTTCGGG	300
T G A L Q P C P R Y F L S G A G V T S G	
GTGCATCCTCCCCGGCGAGGGCGGGCTGGAGCTGGCACTGGGACGGAGGGGG	360
<u>C I L P A A R A G L I E L A L R D G G G</u>	
GGCCATGGTCTTAAGGCTAGGCAGCGCGTCCGCTGGCTGAAGCCCCGCCCACCTTG	420
A M V F K A R Q R A S A W L K P R P P W	
GAATGTGACGCTGCTGGACACACAGACGGGACGTGACTGTCTCCTGGCCTGCCACTC	480
N V T L L W T P D G D V T V S W P A H S	
CTACCTGGGCTGGACTACGAGGTGCAAGCACGGGAGAGCAATGACGATGAGGACGCG	540
Y L G L D Y E V Q H R E S N D D E D A W	
GCAGACGACCTCAGGGCCCTGCTGTCACTTGACAGTGGCGGGCTGACCCCGCGCG	600
Q T T S G P C C D L T V G G L D P A R C	
CTATGACTTCCGGGTTGGCGCTCGCCCCGGCGCGCACTATGGCCTGGAGGCAGCC	660
Y D F R V R A S P R A A H Y G L E A Q <u>P</u>	
TAGCGAGTGGACAGCGGTGACAAGGCTTCCGGGCAGCATCCGGCCCTCCTGTACCGC	720
<u>S E W T A V T R L S G A A S A A S C T A</u>	
AAGCCCCGCCCCATCCCCGGCCCTGGCCCCCGCCCTGCCCCCTGGCTGGCGCTAGC	780
<u>S P A P S P A L A P P L L P L G C G L A</u>	
AGCGCTGCTGACACTGCTCTGCTCCCTGGCGCCCTGAGGCTTCGCAGGGTGAAGATGC	840
<u>A L L T I S I L I A A L R L R R V K D A</u>	
GCTGCTGCCCTGCGTCCCTGACCCCAGCGGCTCCCTGGACTCTTGAGAAGCATCA	900
<u>L I P C V P D P S G S F P G L F E K H H</u>	
CGGGAACTTCCAGGCCTGGATTGGGACGCCAGGCCACAGCCCCGCCAGGCCAGGACCGA	960
G N F Q A W I A D A Q A T A P P A R T E	
GGAGGAAGATGACCTCATCCACCCCAAGGCTAAGAGGGTGGAGCCGAGGACGGCACCTC	1020
E E D D L I H P K A E R V E P E D G T S	
CCTCTGCACCGTGCAAGGCCACCCAGCTTGAGGCAAGGGGGCGGGAGGCGGGCCAT	1080
<u>I C T V P R P P S F E P R G F G G G A M</u>	
GGTGTCACTGGGGGGGCGACGTTCATGGTGGCGACAGGGCTACATGACCCCTGTGAcc	1140
V S V G G A T F M V G D S G Y M T L *	
ttgaagtca <u>tgcgcaggtaataacttcagggtgagggtcaacttcgtttaaaataattca</u>	1200
aactcacaaatctgtgcgttatgcaa <u>atgtggteacgaatattcaaataatg</u>	1260
caa <u>atgctatgtaaaata</u>	1278

Figure 1

A-

Delta t:	MAWALAVILLPRLLTAAAAAAAVTSRG 27
$m\gamma_c$:	MKLLLSPRSFLVLQLLLRAGWSSKVL MSSANEDIKA DLI LTSTAP EHL SAP TLPLP 58
Delta t:	DVTVVCHDLETVEVTWCGPDHHGANLSLEFRY---GTGALQPCPRYFLSGAGVTSQQIL 84 + V ++E + TW S + NL+L +RY Q P Y S +TSQQ +
$m\gamma_c$:	EVQCFVFNIEYMNCWNSSSEPQATNLHYRYKVSDNNTFQEOSHYLPS-KEITSQQI 117
Delta t:	PAARAGLLEALRDGGAMVFKARQRASAWLH-----PRPPWNVTLLWTPDGDVTVSWP 138 + L + K ++RA L PR P N+TL + + + W
$m\gamma_c$:	QKEDIQLYQTFFVQLQDPQ--KPQRRAVQKLNQNLVIPRAPENLTLSNLSESQLELRWK 175
Delta t:	AHSYLG--LDYEVQHRESNDDELAWQTTSGPCCDLTVGGLDPARCYDFRVRASPRAHYG 196 + L Y VQ+R SN D - ++ +D + Y FRVR+ G
$m\gamma_c$:	SRHIKERCLQYLVQYR-SNRDRSWTELIVNHEPRESLPSVDELKRYTFFVRSRYNP I-CG 233
Delta t:	LEAQPSEWIAVTRLSGAASAASCTASPAPSPALA 230 Q S+W+
$m\gamma_c$:	SSQQWSKWSQPVHWGSHTVEEN 255

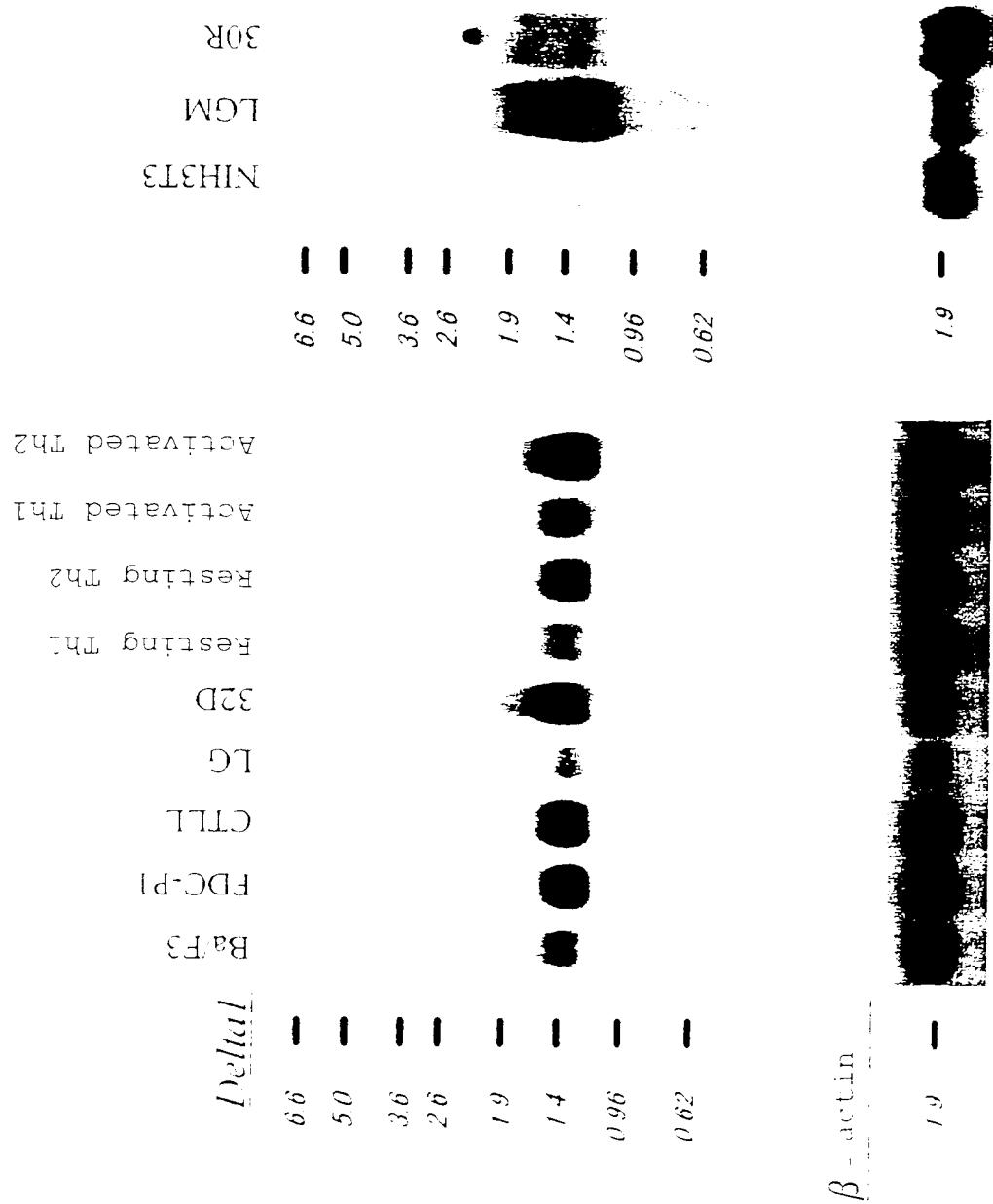
B

Delta t	LLPCVPDP S GSFPCLFEKHHGNFQA W I A (19AA)	PKA R VEPEDGTS L C T
: * : * * * *** * **** * : :	: * : :	
mEPOR	IWP G IPSP E SEFEGLFTTHKG N FQL W LL (16AA)	DPPAHLEV L SEPRWAV
* : * * * * * * * * : :	* : : * * * *	
mIL-2RB	LKCHI P D P SEFFSQLSSQHGGDLQK W LS (14AA)	PEISPLEVLDGDSKAV
: * * * * * * : :	: * * * :	
mgp130	IWP N VPDP S KSHIAQ-----WSP (20AA)	TDVSVVEIEANNKKPC
: * ** * * : :	: : ** :	
AIC2B	WKEKIPNP S KSLLFQDG G K L ----WPP (34AA)	NN W SPLTIEDPNIIIRV

Box1 region Conserved tryptophan Box2 region

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INVENTION-LINE PROTEN
Inventor(s): Toshiro Kitamura et al.
DOCKET NO.: 084335-0143



β - actin

Actin

09/913728
RECEPTOR-LIKE PROTEIN
 Inventor(s): Toshiro Kitamura et al.
 DOCKET NO.: 084335-0143
 12/20/04

Delta 1

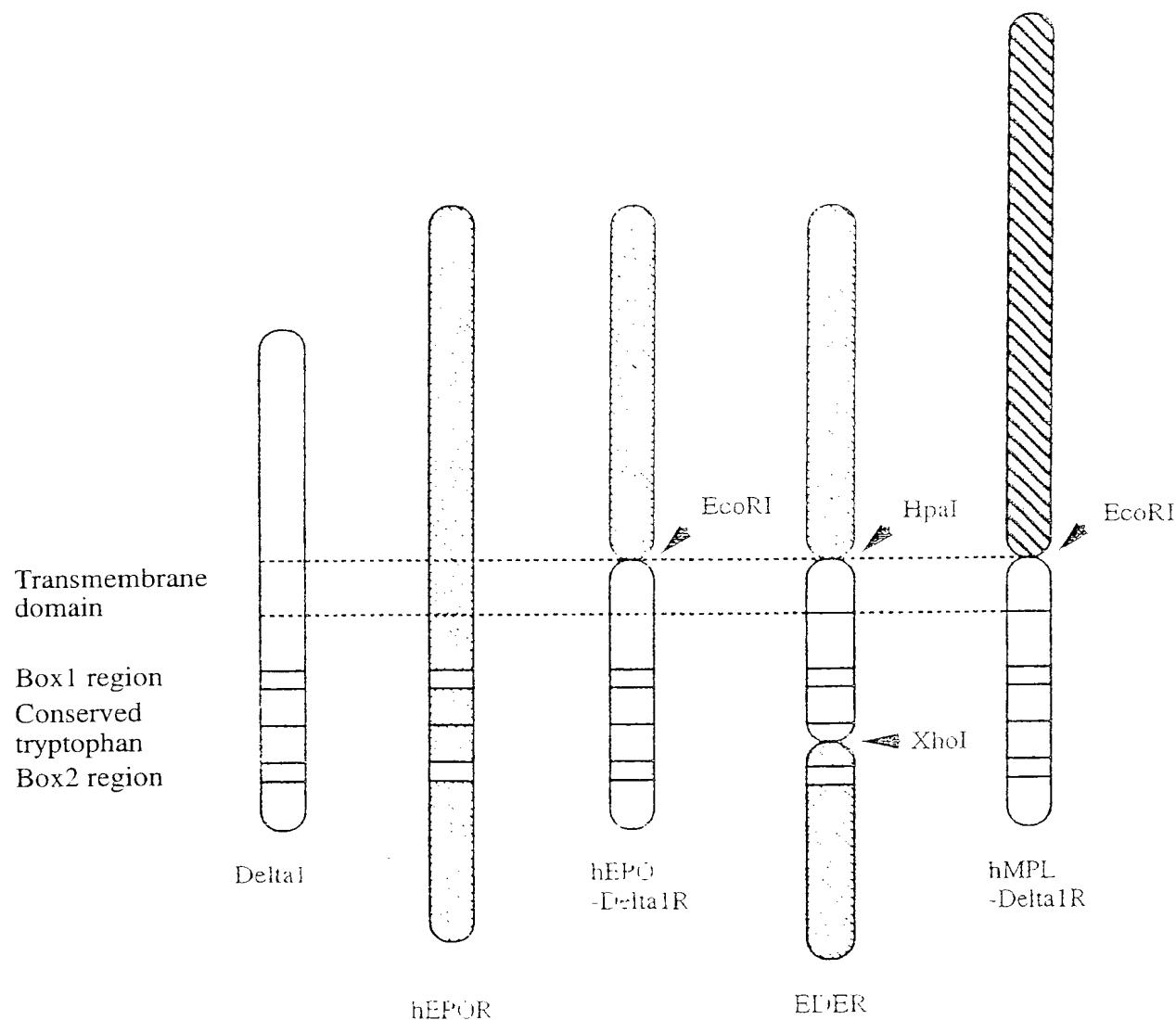


β - actin



5 x 9

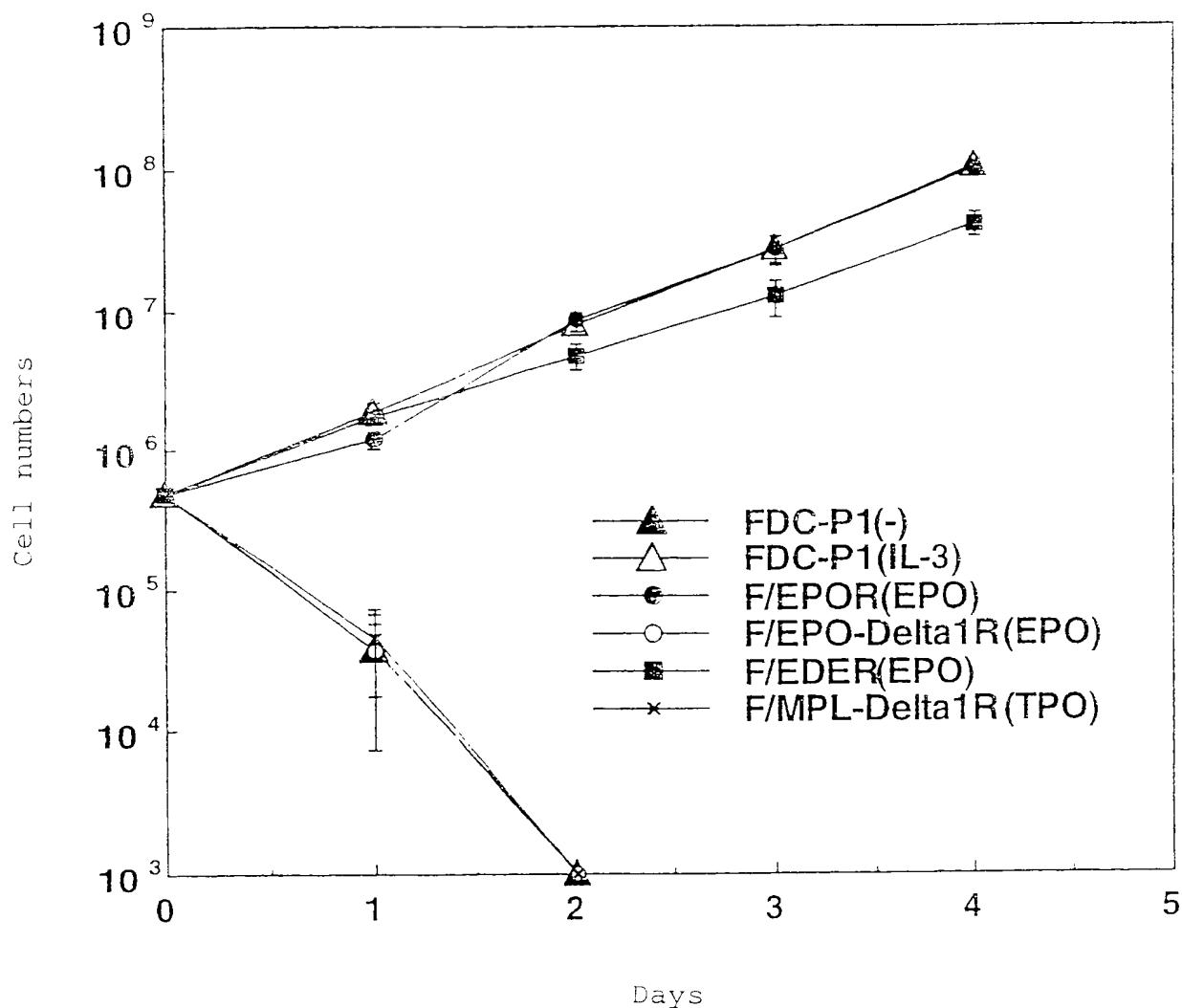
Figure 5



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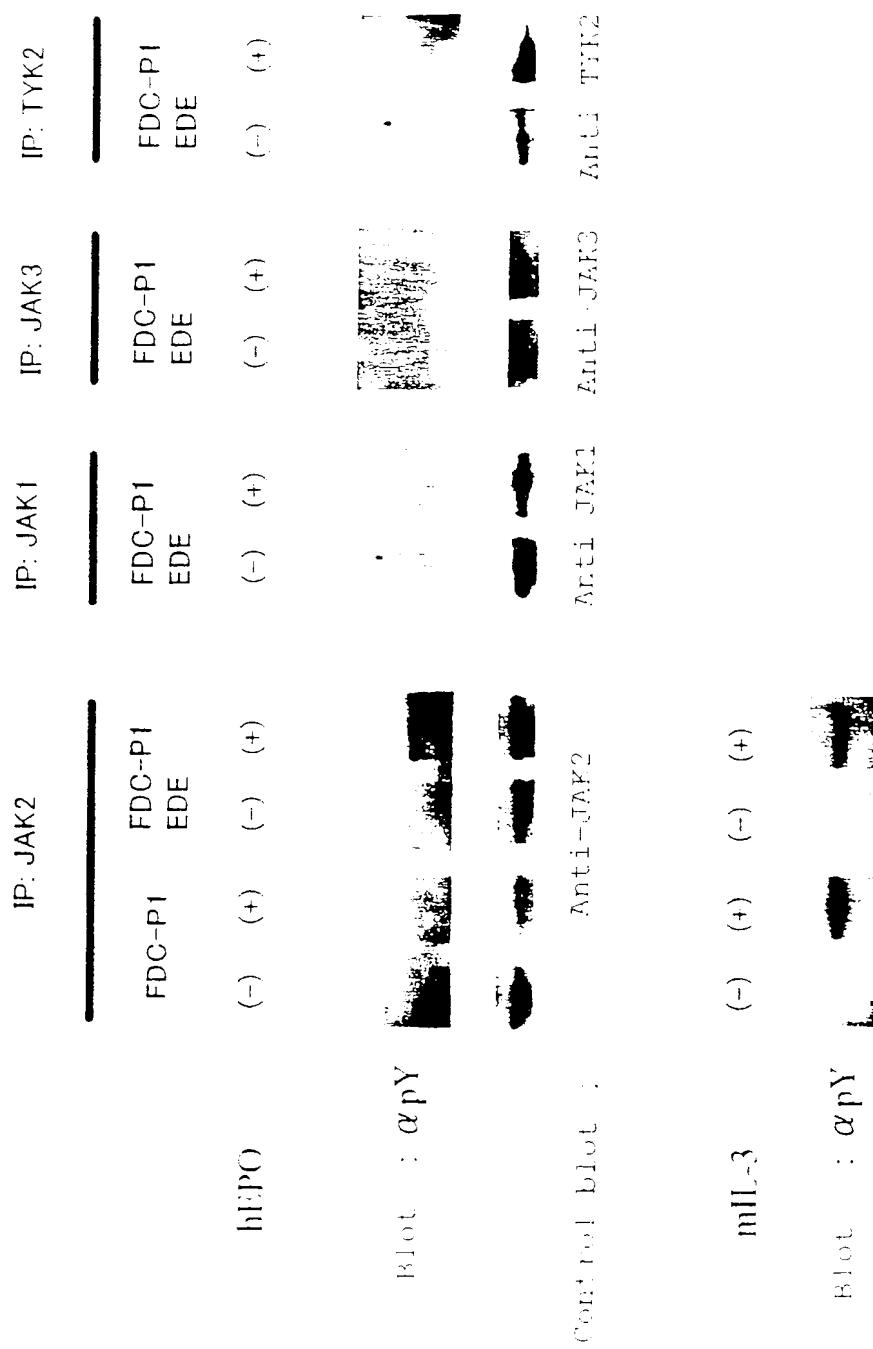
101



Title: NOVEL CYTOKINE
RECEPTOR-LIKE PROTEIN
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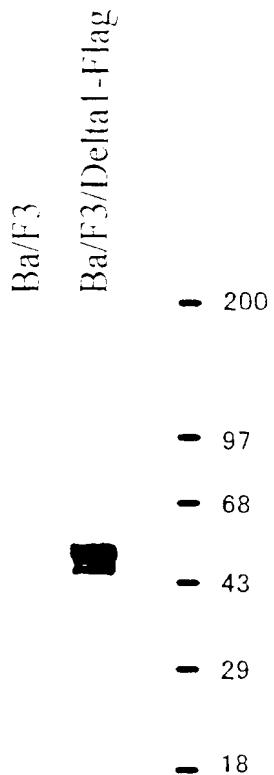
Figure -



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M
G
K
D
C



IP :Anti-Flag
Blot :Avidin-HRPO

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9 9

Figure 9

<i>Fgf5</i>	[■]	[□]	[□]	[■]	[□]	[□]	[■]	[□]	[■]	[□]	[■]
<i>Dmp1</i>	[■]	[□]	[■]	[□]	[□]	[■]	[■]	[□]	[■]	[□]	[■]
<i>Delta</i>	[■]	[□]	[■]	[□]	[■]	[□]	[□]	[■]	[□]	[■]	[■]
<i>Gfil</i>	[■]	[□]	[■]	[□]	[■]	[□]	[■]	[□]	[■]	[□]	[■]
<i>Crybb2</i>	[■]	[□]	[■]	[□]	[■]	[□]	[■]	[□]	[■]	[□]	[■]
	54	49	1	0	0	0	0	0	1	1	

